



05PO

1634

INFORMATION DISCLOSURE TRANSMITTAL

Docket No. B0004/7514

Applicant: Felix Hausch and Andres Jäschke
Serial No: 09/817,905
Filed: March 26, 2001
For: MULTIPLEX SEQUENCE VARIATION ANALYSIS OF DNA SAMPLES BY MASS SPECTROMETRY
Examiner: A. K. Chakrabarti
Art Unit: 1634

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on February 19, 2003.

Brenda A. Kantorski
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Assistant Commissioner for Patents
Washington, D.C. 20231

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicant wishes to bring information to the attention of the Examiner. The filing of this statement shall not be construed as a representation that a search has been made or as an admission that this information is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

Enclosures

- ☒ A form PTO-1449 listing this information is attached
☒ A copy of each document cited is enclosed.
☐ Copies of the cited documents are not enclosed because

Fees

- ☐ This statement is filed before the later of (1) three months of (i) the filing of a national application or (ii) the entry date for the national stage of an international application or (2) the mailing date of a first office action on the merits. No fee is due.
- ☒ This statement is filed before the mailing date of a final office action, a notice of allowance or an action that otherwise closes prosecution, *and*
- ☐ The submission fee of \$180.00 under 37 CFR §1.17(p) is enclosed, *or*
- ☒ The following certification is made:
- ☒ each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, *or*
- ☐ no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the statement



after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

- ☐ This statement is filed on or before payment of the issue fee, the submission fee of \$180.00 under 37 CFR §1.17(p) is enclosed, *and*
- ☐ each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, or
- ☐ no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

Payment

- ☐ A check in the amount of the submission fee is enclosed.
- ☐ Charge Account No. in the amount of the submission fee. A duplicate of this transmittal sheet is attached.

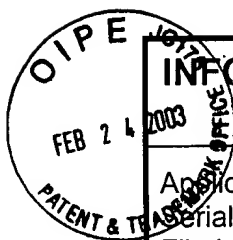
Authorization to Charge Additional Fees

- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §1.16 and §1.17 required by the attached paper and during the entire pendency of this application to Account No. 02-3038.

Respectfully submitted,

Philip L. Conrad
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Date: February 19, 2003



INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 2 of 3

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OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	1	GRIFFIN, J. TIMOTHY and SMITH, LLOYD M., "Single-nucleotide polymorphism analysis by MALDI-TOF mass spectrometry", TIBTECH, Vol. 18, Elsevier Science Ltd., February 2000, pp. 77-84.	<input type="checkbox"/>
	2	OLEJNIK, JERZY et al., "Photocleavable aminotag phosphoramidites for 5[prime] - termini DNA/RNA labeling", Nucleic Acids Research, Vol. 26, No. 15, Oxford Journals online, June 16, 1998, pp. 3572-3576.	<input type="checkbox"/>
	3	KIRPEKAR, FINN et al., "DNA sequence analysis by MALDI mass spectrometry", Nucleic Acids Research, Vol. 26, No. 11, Oxford University Press, 1998, pp. 2554-2559.	<input type="checkbox"/>
	4	CHEE, MARK et al., "Accessing Genetic Information with High-Density DNA Arrays", Science, Vol. 274, October 25, 1996, pp. 610-614..	<input type="checkbox"/>
	5	FODOR, STEPHEN P.A., "Massively Parallel Genomics", Science, Vol. 277, July 18, 1997, pp. 393-395.	<input type="checkbox"/>
	6	GERHOLD, DAVID et al., "DNA chips: promising toys have become powerful tools", TECHNIQUES, May 1999, pp. 168-173, Elsevier Science.	<input type="checkbox"/>
	7	BERKENKAMP, STEFAN, et al., "Infrared MALDI Mass Spectrometry of Large Nucleic Acids", Science, Vol. 281, July 10, 1998, pp. 260-262.	<input type="checkbox"/>
	8	HILLENKAMP, FRANZ et al., "Mass Spectrometry of Peptides and Proteins by Matrix-Assisted Ultraviolet Laser Desorption/Ionization", Methods in Enzymology, Vol. 193, Academic Press, Inc., 1990, pp. 280-295.	<input type="checkbox"/>
	9	FU, DONG-JING et al., "Sequencing exons 5 to 8 of the p53 gene by MALDI-TOF mass spectrometry", Nature Biotechnology, Vol. 16, April 16, 1998, pp. 381-384.	<input type="checkbox"/>
	10	NIEMEYER, CHRISTOF M. et al., "DNA Mikroarrays", Angew. Chem., Vol. 111, Nr. 19, 1999, pp. 3039-3043.	<input checked="" type="checkbox"/>

Examiner
Signature

Date
Considered